

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

JUN 9 ~ ***

JUN 2 7 2014

REPLY TO THE ATTENTION OF:

CERTIFIED MAIL 7009 1680 0000 7677 8848 RETURN RECEIPT REQUESTED

Ms. Karen Raschke Environmental Engineer Ford Motor Company Dearborn Stamping Plant 3001 Miller Road Dearborn, Michigan 48121

> Re: Notice of Violation Ford Motor Company, Dearborn, Michigan MID 005 379 797

Dear Ms. Raschke:

On February 11, 2014, representatives of the United States Environmental Protection Agency and Michigan Department of Environmental Quality (MDEQ) inspected the Ford Motor Company Stamping Plant (Ford Stamping Plant) facility located at 3001 Miller Road in Dearborn, Michigan. The purpose of the inspection was to evaluate Ford Stamping Plant's compliance with certain provisions of the Resource Conservation and Recovery Act (RCRA). The inspection focused upon those regulations related to the generation and accumulation of hazardous waste. Enclosed is a copy of the inspection report including photographs taken during the inspection for your reference.

Based on information provided by Ford Stamping Plant personnel, review of records, and physical observations by the inspectors, EPA has determined that the Ford Stamping Plant violated certain requirements of the Michigan Administrative Code (MAC) and the United States Code of Federal Regulations (CFR). We find that Ford Stamping Plant did not comply with the following requirements:

1) To avoid the need for a hazardous waste storage operating license, a large quantity generator must comply with MAC Rule 299.9306(1) [40 C.F.R. § 262.34(a)]. See, MAC Rule 299.9306(1) [40 C.F.R. § 262.34(a)]. A generator may accumulate hazardous waste on-site for 90 days or less without a construction permit or an operating license if he or she complies with all of the following requirements of MAC Rule 299.9306(1)(a) through (g). Specifically, when the waste is placed in containers, the generator must comply with 40 CFR Part 265, Subparts I, AA, B, and CC, the generator complies with the containment requirements of 40 CFR § 264.175, and the generator documents the inspections required pursuant to 40 CFR § 265.174. See, MAC Rule 299.9306(1)(a)(i)

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[40 CFR § 262.34(a)(1)(i)]. A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. See, 40 CFR § 265.173(a).

During the inspection of the Ford Stamping Plant hazardous waste less than 90 day accumulation area at column B-1-21, the inspectors observed an open 5-gallon container of hazardous waste, see photograph number 3. At the time of the inspection, therefore, the Ford Stamping Plant failed to comply with the closed container requirement. See, 40 CFR § 265.173(a). On February 11, 2014, Ford Stamping Plant personnel sent an e-mail to EPA stating that the 5-gallon hazardous waste container without a lid had been corrected, and attached a photograph of the covered container. EPA considers this violation resolved.

2) To avoid the need for a hazardous waste storage operating license, a large quantity generator must comply with MAC Rule 299.9306(1) [40 C.F.R. § 262.34(a)]. See, MAC Rule 299.9306(1) [40 C.F.R. § 262.34(a]. A generator may accumulate hazardous waste on-site for 90 days or less without a construction permit or an operating license if he or she complies with all of the following requirements of MAC Rule 299.9306(1)(a) through (g). Specifically, when the waste is placed in containers, the generator must comply with 40 CFR Part 265, Subparts I, AA, B, and CC, the generator complies with the containment requirements of 40 CFR § 264.175, and the generator documents the inspections required pursuant to 40 CFR § 265.174. The owner or operator must record inspections in an inspection log or summary. The generator must maintain the inspection records on-site for a period of not less than 3 years from the date of the inspection. See, MAC Rule 299.9306(1)(a)(i) [40 CFR § 262.34(a)(1)(i)].

During the records review portion of the inspection, the inspectors reviewed the weekly inspection logs. Inspector Francis observed that the outside "lead paint roll-off box" was not noted in the weekly inspection log dated 1/29/2014. At the time of the inspection, therefore, the Ford Stamping Plant failed to comply with the weekly inspection log recordkeeping requirement. See, MAC Rule 299.9306(1)(a)(i) [40 C.F.R. § 262.34(a)(1)(i)].

3) To avoid the need for a hazardous waste storage operating license, a large quantity generator must comply with MAC Rule 299.9306(1) [40 C.F.R. § 262.34(a)]. See, MAC Rule 299.9306(4) [40 C.F.R. § 262.34(d)]. The generator must comply with the requirements for owners or operators in 40 CFR Part 265, Subparts C and D, and 40 CFR § 265.16 and 40 CFR § 268.7(a)(5). See, MAC Rule 299.9306(1)(d) [40 CFR § 262.34(a)(4)]. Specifically, facility personnel must successfully complete a program of class-room instruction or on-the-job training that teaches them to perform their duties in a way that ensures the facility's compliance with the requirements of this part. See, 40 CFR § 265.16(a)(1). This program must be directed by a person trained in hazardous waste management procedures, and must include instruction which teaches facility personnel hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed. See, 40 CFR §

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During the records review portion of the inspection, the inspectors reviewed Ford Stamping Plant personnel training records. Inspector Francis asked Ford Stamping Plant personnel about Veolia personnel training records. Ford Stamping Plant personnel told the inspectors that Veolia personnel who work on-site and manage hazardous waste do not receive site specific hazardous waste training, including contingency plan implementation. At the time of the inspection, therefore, Ford Stamping Plant failed to comply with the hazardous waste training requirements. See, MAC Rule 299.9306(1)(d) [40 CFR § 262.34(a)(4) and 265.16(a)(2).].

4) Used oil generators are subject to all applicable Spill Prevention Control and Countermeasures requirements (40 CFR Part 112) in addition to the requirements of MAC R 299.9810(3) and 40 CFR Section 279.22. Containers and aboveground storage tanks used to store used oil at generator facilities must be labeled or marked clearly with the words "Used Oil." See, MAC Rule 299.9810(3) [40 CFR § 279.22(c)(1)].

During the inspection of the API Processing Area, the inspectors observed three used oil accumulation tanks. The two white tanks were not labeled "Used Oil", see photograph number 7. At the time of the inspection, therefore, Ford Stamping Plant failed to label or mark all the tanks with the words "Used Oil" as required by MAC Rule 299.9810(3) [40 CFR § 279.22(c)(1)].

At this time, EPA is not requiring Ford Stamping Plant to apply for a storage license so long as Ford Stamping Plant immediately establishes compliance with the conditions for an exemption outlined above. Under Section 3008(a) of RCRA, 42 U.S.C. § 6928, EPA may issue an order assessing a civil penalty for any past or current violation and requiring compliance immediately or within a specified time period. Although this letter is not such an order, we request that you submit a response in writing to this office no later than thirty (30) days after receipt of this letter documenting the actions, if any, which have been taken since the inspection to establish compliance with the above conditions and requirements.

You should submit your response to Walt Francis, U. S. Environmental Protection Agency, Region 5, 77 West Jackson Boulevard, LR-8J, Chicago, Illinois 60604.

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If you have any questions regarding this letter, please contact Walt Francis, of my staff, at (312) 353-4921.

Sincerely,

Gary J. Victorine, Chief

RCRA Branch

Enclosures

cc: Jim Day, MDEQ – Southeast Michigan District Office (dayj@michigan.gov)

 $John\ Craig,\ MDEQ\ (\underline{craigj@michigan.gov})$

Lonnie Lee, MDEQ (leel@michigan.gov)

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 5 77 W. JACKSON BOULEVARD CHICAGO, ILLINOIS 60604

RCRA COMPLIANCE EVALUATION INSPECTION REPORT

FACILITY NAME:

FORD MOTOR COMPANY

DEARBORN STAMPLING PLANT

FACILITY U.S. EPA ID NO.:

MID 005 379 797

FACILITY TYPE:

Large Quantity Generator

FACILITY ADDRESS:

3001 Miller Road

Dearborn, Michigan 48120

U.S. EPA REPRESENTATIVE:

Walt Francis

DATE OF INSPECTION:

February 11, 2014

SIC CODE:

3714 - Motor Vehicle Parts and Accessories

NAICS CODE:

336370 - Motor Vehicle Metal Stamping

PREPARED BY: Wa

Walt Francis

Data

Environmental Scientist

ACCEPTED BY:

Julie Morris, Chief

Compliance Section 2

RCRA Branch

Date

Purpose of Inspection

The purpose of this inspection was to conduct a Compliance Evaluation Inspection (CEI) at the Ford Motor Company Dearborn Stamping Plant (Ford) facility located at 3001 Miller Road, Dearborn, Michigan to determine compliance with the Resource Conservation and Recovery Act (RCRA) and the Michigan Administrative Code (MAC), with respect to Ford's management of hazardous waste, universal waste and used oil.

Participants

United States Environmental Protection Agency (U.S. EPA) Inspector - Walt Francis, Environmental Scientist

Michigan Department of Environmental Quality (MDEQ) Inspector – James Day, Environmental Quality Analyst

Representatives of Ford Motor Company Karen Raschke, Environmental Engineer
Eric Czarniwski, Environmental Management Representative
Kim Cole, Environmental Engineer
Tamberlyn Reid, Environmental Engineer
Mark Gornick, Environmental Engineer
Dan Esch, Veolia
Lecedra Welch, Veolia

Site Description/Background Information

The Ford Rouge facility in Dearborn, Michigan consists of: Ford Tool and Die; Ford Dearborn Division; Ford Engine Plant; Ford Truck Plant; Ford Rouge Construction Services; and the Ford Dearborn Stamping Plant. At the time of the inspection, the Ford Dearborn Stamping Plant was stamping and assembling doors and hoods. The Ford Dearborn Stamping Plant has approximately 650 employees and operates two shifts. The Ford Stamping Plant has been at this location since 1938. Recently, the Ford Dearborn Stamping Plant has taken over part of the Ford Rouge Engine Plant second floor for assembly operations. This new area is covered under the Ford Dearborn Stamping Plant hazardous waste U.S. EPA ID number. Vehicle doors and hoods are stamped, assembled and sent to the Ford Body Shop or loaded onto rail cars. The Ford Dearborn Stamping Plant has a U.S. EPA ID number (MID005379797) and operates as a Large Ouantity Generator (LOG) of hazardous waste. Hazardous wastes are generated in various locations in the Ford facility and are taken to one of three hazardous waste less-than 90 day accumulation areas. At the time of the inspection, the Ford facility was operating as an LQG of hazardous waste, and generates hazardous waste at 13 satellite accumulation areas (SAAs). Based on information in the MDEQ Waste Data System (WDS), historical hazardous waste streams have included: D001 (ignitable); D035 (MEK); U002 (acetone); U210

(tetrachloroethylene); U220 (toluene); D008 (lead); F003 (spent non-halogenated solvents); D003 (reactive); D002 (corrosive); and F002 (spent halogenated solvents). Other wastes include: 1) used fluorescent lamps; 2) used rags; 3) used antifreeze; and 4) used oil. The MDEQ WDS out-bound manifest report indicates that hazardous waste is shipped to Safety-Kleen Systems, Inc., Romulus, Michigan (MID985663251); Safety-Kleen Systems, Inc., Smithfield, Kentucky (KYD053348108); Veolia ES Technical Solutions LLC, Sauget, Illinois (ILD098642424); Clean Harbors El Dorado LLC, El Dorado, Arkansas (ARD069748192); USA Lamp and Ballast, Cincinnati, Ohio (OH0000169402); EQ Detroit, Inc., Detroit, Michigan (MID980991566); and Veolia ES Technical Solutions, LLC, Menomonee Falls, Wisconsin (WID003967148) approximately one shipment every one to two months.

Opening Conference

U.S. EPA representative Walt Francis and MDEQ representative James Day arrived at the Ford Rouge Security Office at approximately 8:00 a.m. Inspectors Francis and Day introduced themselves to Ms. Karen Raschke, Environmental Engineer. Ms. Raschke took the inspectors to her office in the Dearborn Stamping Plant, Room 215-6. Ms. Raschke introduced Mr. Eric Czarniwski, Environmental Management Representative, Ms. Kim Cole, Environmental Compliance Engineer, and Ms. Tamberlyn Reid, Environmental Engineer. Inspector Francis presented his credentials, and informed them of the nature, scope, and procedures of the inspection. Ms. Raschke introduced Ms. Lecedra Welch with Veolia. The inspection was conducted by U.S. EPA and MDEO personnel with U.S. EPA being the lead enforcement agency. Ms. Raschke provided the inspectors with a brief overview of the Ford Rouge facility, and provided information on the various hazardous waste, universal waste, used oil, and solid wastes that are generated, and shipped off-site from the Ford Dearborn Stamping Plant. Specifically, Ms. Raschke explained that hazardous wastes were generated at the Paint Shop, throughout the plant during lead paint debris removal, and used aerosol cans are generated in various departments. Also, Ms. Raschke explained that used fluorescent lamps are accumulated in the "Lamp and Ballast Crib". Inspector Francis asked Ms. Raschke about off-site shipments of used oil. Ms. Raschke told the inspectors that used oil is generated from the stamping presses and scrubbers and is picked up by Safety-Kleen, Romulus, Michigan. Ford personnel did not make a Confidential Business Claim on the information gathered during the inspection. Ms. Raschke allowed the inspectors access to the facility to conduct the inspection.

Site Tour

The walk-through began at the TR-1 Press Area. Ms. Raschke showed the inspectors a 55-gallon used oil container and a container of used oil filters. The walk-through continued to the Maintenance Shop. Ms. Raschke showed the inspectors a container of spent propane cylinders labeled "Hazardous Waste D001". The walk-through continued to the "Lamp and Ballast Crib" (see photograph number 2). Ms. Raschke showed the inspectors a 55-gallon container labeled "Hazardous Waste PCB Ballast" dated 6/18/2013 (see photograph number 1), a 55-gallon container of broken fluorescent lamps labeled "D009", a container labeled "Used Batteries"

dated 5/9/2013, and two containers labeled "Electric Lamps" with accumulation dates of 10/9/2013 and 1/6/2014. The walk-through continued to the Maintenance Kiosk Waste Collection Area. Ms. Raschke showed the inspectors a container for oily rags, a container for used aerosol cans, and a trash container. Inspector Francis noted that the "Used Aerosol" container included the hazardous waste codes "D001, D035, U002, U210, and U220". The walkthrough continued to the "Main Crib". Ms. Raschke showed the inspectors a used battery accumulation container dated 5/30/2013 and a 55-gallon container for used aerosols. The walkthrough continued to the B-1-21 less than 90-day hazardous waste accumulation area. The inspectors observed two 55-gallon containers of D008 lead waste dated 1/4/2014, see photograph numbers 5 and 6. Inspector Francis observed a 5-gallon container labeled D001, 1/16/2014, "Pending Analysis" which was uncovered, see photograph number 3. Other containers included: 55-gallon container labeled "Paint and Solvents, 12/16/2013"; 5-gallon container labeled "Blasting Caps, D001, 1/13/2014"; small cardboard container labeled "Traffic Film" (see photograph number 4). The walk-through continued to the new API process area. Ms. Raschke showed the inspectors an oily sludge lugger box, two white poly tanks (see photograph number 7), and a black tank labeled "Used Oil" on one side and "Waste Oil" on the other side. The walk-through continued to an outside roll-off box of oily waste labeled "2144". The walkthrough continued to the Hi-Lo Maintenance Shop. Ms. Raschke showed the inspectors a used aerosol SAA container, a parts washer labeled "TOX #138103", a 55-gallon used oil container, a 55-gallon used oil filter container, a 55-gallon used antifreeze container, and a used oil collection device labeled "Used Oil". The walk-through continued outside. Ms. Raschke showed the inspectors a roll-off box used to accumulate hazardous waste lead paint chips by an on-site contractor. Inspector Francis noted that the roll-off box was labeled "Lead Paint Chips" with a "1/13/2014" accumulation date, see photograph number 8. The walk-through continued to the new second floor area in the Engine Plant. Ms. Raschke told the inspectors that this area had a 55-gallon SAA container for used aerosols. The walk-through continued to the Jier Press Area. Mr. Czarniwski showed Inspector Francis how doors are stamped in the press. The walkthrough continued to Die Press Area D-2-20. Ms. Raschke showed the inspectors a 55-gallon used aerosol SAA container. The walk-through continued to the Painters Crib. Ms. Raschke showed the inspectors a 55-gallon used aerosol SAA container outside the Painters Crib. Inside the Painters Crib, the inspectors observed a Safety-Kleen parts washer and two 55-gallon less than 90 day hazardous waste containers. Inspector Francis observed that one was labeled "Paint and Solvent Waste" with a 11/19/2013 accumulation date (see photograph number 8), and the other was labeled "Solvent and Paint Rags" with a 2/4/2014 accumulation date.

The inspection group then returned to Ms. Raschke's office to review records.

Records Review

The inspectors reviewed three years of hazardous waste manifest records, waste determination records, contingency plan, weekly inspection records, and personnel training records. The inspectors reviewed waste determination records from Test America dated April 16, 2013. The last off-site shipment of hazardous waste was on October 8, 2013. The last universal waste lamp shipment was on September 4, 2013 to Clean Lites, Mason, Michigan. Mr. Duane Washington

and Mr. Derrick Davis received annual personnel training in 2012 and 2013. Ms. Raschke provided the inspectors with a December 2013 version of the Contingency Plan.

Closing Conference

The inspectors conducted a closing conference. Inspector Francis explained that he would review his notes from the inspection, and generate an inspection report. Ford would then receive a letter from U.S. EPA regarding the inspection including a copy of the inspection report, completed inspection checklists and a copy of the photographs taken during the inspection. Inspector Francis discussed the open 5-gallon container in the B-1-21 hazardous waste accumulation area and the two 55-gallon hazardous waste containers in the Painters Crib. Inspector Day discussed aisle space and housekeeping at Area B-1-21. Inspector Francis provided a U.S. EPA Small Business Resources information sheet, a U.S. EPA Region 5 Pollution Prevention contact sheet, a U.S. EPA Managing Used Oil Advice for Small Businesses fact sheet, and an Ohio EPA Pollution Prevention Assistance brochure to Ms. Raschke.

Attachments

Inspection Checklists. Photographs.

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Department of Environmental Quality HAZARDOUS WASTE INSPECTION

INSPECTION DATE 2/11/201	4GEN	. I.D.# <u>M</u> I	D 005	379 797	WD)S ID# <u>3</u>	93646	.
SITE SPECIFIC NAME Ford M	otor Com	ipany De	arborn	Stamping	Plant			·
SITE LOCATION ADDRESS 300	l Miller I	Road, De	arborn,	Michigan	48120			
CITY		ZIP:			cc	UNTY		
Reason for Inspection: XCEI	FCI	FUI	_CSE	CAC	COMP	LAINT	NRR_	OTHER
WASTE CODE		P	ROCESS	WASTE IS	GENERA	ATED FR	MO	
D001/8025	A	nosoll			er edny WAT (***			
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F003	WA	para pre p	win	•				
PERSON(S) INTERVIEWE						TELI	EPHONE N	UMBER
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INSPECTOR'S NAME			AGI	NCY		1216年5月	EPHONE N	
Jim Day				N DEPT OF	Y	586-7	53-3835	
Walt Francis		U.S.	EPA, R	Egion 5	· 	312-3	53-4921	
PRIMARY BUSINESS OF FACILIT	Y: Stam	iping Plai	nt					
							· <u>-</u>	
APPROX./AVG. # OF EMPLOYEE	s: S			AYS/HRS	OPERAT	ION <u>2</u>	SHIPTS	·
FACILITY SIZE 1,954,606	sq Lun	PHO	TOS TAK	EN 🗶	_YES	NO		
CHRONOLOGY OF INSPECTION	-							•
1)	4)				7)	• • •		
2)								
2)	6)				۵)			

SUMMARY OF FINDINGS:	(add sketch of site noting	ng Haz Waste locations	OR	_copy of site plan provided	d by site attached)
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CHECK FORMS						
USED	GENERAL CATEGORIES OF FACILITIES					
	CESQG					
	LIW GENERATOR					
	SMALL QUANTITY GENERATOR					
	SMALL QUANTITY GEN TANK SYSTEM					
×	GENERATOR					
	GENERATOR TANK SYSTEM					
×	SMALL QTY UNIVERSAL WASTE HANDLER					
	LARGE QTY UNIVERSAL WASTE HANDLER					
と	USED OIL ACTIVITIES					
	TRANSPORTER LIW HAZ WST					
	WOOD PRESERVER					

Does Is the facility subject to air emission standards for process vents managing hazardous waste with organic concentrations of at least 10 ppmw? If yes, circle the type of operation(s): DISTILLATION FRACTIONATION THIN-FILM EVAPORATION SOLVENT EXTRACTION AIR OR STREAM STRIPPING (If yes, send a copy of this cover sheet to AQD).

OUFOR.	
CHECK FORMS USED	GENERAL CATEGORIES OF FACILITIES
	SITE SPECIFIC PERMITTED TSDF
	PERMITTED GENERAL TSDF
	INTERIM GENERAL TSDF
	GENERATOR APPENDIX
s.	TANK SYSTEM
	PERMITTED SURFACE IMPOUNDMENT
	PERMITTED WASTE PILE
	PERMITTED LAND TREATMENT
	PERMITTED LANDFILL
	MISCELLANEOUS UNITS
	PERMITTED ORGANIC AIR EMISSIONS- PROCESS VENTS
	PERMITTED ORGANIC AIR EMISSIONS- EQUIPMENT LEAKS
	INTERIM GW MONITORING (USE WITH SUBPARTS K,L, M, & N)
	INTERIM SURFACE IMPOUNDMENT
	INTERIM WASTE PILE
	INTERIM LAND TREATMENT
	INTERIM LANDFILL
	INTERIM CHEMICAL, PHYSICAL & BIOLOGICAL TREATMENT
	INTERIM ORGANIC AIR EMISSIONS FROM PROCESS VENTS
	INTERIM ORGANIC AIR EMISSIONS FROM EQUIPMENT LEAKS

INSPECTOR'S SIGNATURE 7, ML 2 DATE 2/11/2014

Department of Environmental Quality FULLY REGULATED GENERATOR (FRG) INSPECTION FORM

Facility's Name Ford Mot	tor Company D	earborn Stamping Plant		Part 3	Rules
Date 2/11/2014		MID 005 379 797		1994 F	'A 451
HAZARDOUS WASTE AND) WASTE#	SOURCE	нс	W MUCH	
PACAROOOTAGE	D001/1005			m 1 w	17+
	D035 000)	Comen Light			
	D008		~ 20	00 mg	1/4m
	F003	unger pour	Da.	20 bol 20 50	m
	Dece				
abbreviated	FACILITY (COMPLIANCE REQUIRED IN ALL AREAS			
	WASTE D	ETERMINATION (Rule 302: 40 CFR 262.11		\/TO 110	
(NI = Not inspected; N/A = Not app		Dula 202: 40 CED 262 14\\	262A	YES NO IX∕1	NI N/A
Determined if waste streams a			262D	[8]	NI N/A
a) copy of waste evaluation o			262A	<u> </u>	NI N/A
b) re-evaluated waste when o			262C	r 1	N(N/A
Did generator have written was		ting wastes on-site? (Rule 306)(1)(d):40 CFR 268.7(a)(5)) ATION NUMBER (Rule 303: 40 CFR 262.12)	2020	<u> </u>	INETWA
3. Has the generator obtained an			262A	L X]	NI N/A
	MANIFEST R	EQUIREMENTS (Rule 304: 40 CFR 262.20)			
4. Copies of the manifest readily	available for review & i	nspection? (Section 11138(1)(f))	FSS		NI N/A
5. Manifests kept for the past 3 y	ears? (Rule 307(3): 40	CFR 262.20(a))	262D	<u>[X]</u>	NI N/A
6. Manifests, prepared by the ger	nerator according to ins	tructions in appendix of Part 262 contain the following:			
a) manifest document numbe	er (Rule 304(1)(b): 40 C	FR 262.20(a)(i)),	262B	<u> </u>	NI N/A
b) generator's name, address	s, phone & ID# (Rule 3	04(1)(b): 40 CFR 262.20(a)(i)),	262B	<u>M_</u>	NI N/A
c) name & ID #'of the transpo	orter. (Rule 304(1)(b): 4	0 CFR 262.20(a)(i)),	262B	[25]	NI N/A
d) name, address & ID # of T	SDF. (Rule 304(1)(b): 4	40 CFR 262.20(a)(i)),	262B	[<u>x</u>]	NI N/A
e) DOT description of waste(s). (Rule 304(1)(b): 40	CFR 262.20(a)(i)),	262B	[2]	NI N/A
f) quantity of waste, type & #	of containers. (Rule 30	4(1)(b): 40 CFR 262.20(a)(i)),	262B	[NI N/A
g) hazardous waste number	of the wastes. (Rule 30	4(1)(b): 40 CFR 262.20(a)(i)),	262B	[صلا]	NI N/A
h) generator signature, initial	transporter & date of a	cceptance. (Rule 304(1)(b): 40 CFR 262.20(a)(i)),	262B	<u> </u> }	NI N/A
		10 days after month shipment was made? (Rule 304(2)(b))	262B	<u>Y</u> _	NI N/A
8. For out-of-state manifests, if n requested by Director? (Rule		ated facility, generator submitted copy of 3 rd signature manifest as	262B	<u>~</u> _	NI N/A
9. Is the transporter used proper	ly registered &/or permi	itted under Act 138, Sec. 2 (3)? (Rule 304(1)(c))	262B	[25]	NI N/A
NOTE: For shipments of hazardo	us waste solely by wat	er or rail shipments, within United States see Rule 304(4)(g or h).			
10. Using manifest that has expir	ed? (Rule 304(1)(a) : 4	0 CFR 262.20)	262B	[_]	NI WÀ
11. Reportable exceptions (Rule	308(3): 40 CFR 262.42	2)(a)(b))			
a) number of manifests gene	erator HASN'T receive	signed copy from TSD w/in 35 days:			
b) number of manifests gene	erator HASN'T submitte	ed exception reports to RA & DEQ after 45 days:			
12. Facility has written program to	reduce volume/toxicity	/recycle wastes? (Rule 304(1)(b):40 CFR 262.27(a))	262B	₩	_ NI∰
	·			I	
13. Facility discusses program in	place to reduce volume	e/toxicity/recycle of waste (Rule 304(1)(b): 40 CFR 262.27(a))	262B	[K]	NI N/A

LAND DISPOSAL RESTRICTION REQUIREMENTS WASTE ANALYSIS AND RECORDKEEPING (Rule 311(1): 40 CFR 268.7))		YES	NO
14. Did the generator determine if the waste is restricted from land disposal? (Rule 311(1): 40 CFR 268.7(a)(1))			
a) all listed waste	268A	[2]	_ NI N/A
b) all characteristic wastes?	268A	[2]_	NI N/A
NOTE: If waste has both listed & characteristic waste codes, the treatment standard for the listed waste is sufficient if the treatment standards for the listed waste includes a standard for the constituent that caused the waste to exhibit the characteris for D001 and D002. (40 CFR 268.9(b))			
15. If restricted waste exceeds treatment standards or prohibitions did notice go w/ initial shipment? (Rule 311(1):40 CFR 268.7(a)(2))	268A	<u>Ľ</u>	NI N/A
OR 16. If restricted waste does not exceed treatment standards or prohibitions did a notice and certification statement go with in	itial		
	268A	∐_	_ NI (🕡
OR			
17. If waste has exemption from prohibition on the type of land disposal method utilized for the waste, did a notice go with initial shipment? (Rule 311(1): 40 CFR 268.7(a)(4))	268A	[]	NI N
OR		,	1
 If facility choose alternative treatment standard for lab pack that contains none of the waste in appendix IV, did a notice & certification go with initial shipment? (Rule 311(1): 40 CFR 268.7(a)(9)) 	268A	Ш_	_ NI N/A
19. Did the notice include: (Rule 311(1): 40 CFR 268.7(a)(1) or 268.7(a)(2) or 268.7(a)(3)		•	
a) EPA hazardous waste #?	268A	<u> </u>	NI N/A
b) if wastewater or non-wastewater as defined in 268.2(d&f)?	268A	ഥ_	_ NI N/A
c) subcategory of the waste (such as D003 reactive cyanide) if applicable?	268A	Ц_	_ NI N/
d) manifest number associated with the shipment?	268A	ш_	_ NI N/A
e) waste analysis data, where available?	268A	Ш_	_ NI N/A
f) waste constituents that the treater will monitor, if monitoring will not include all regulated constituents, for F001- F005, F039, D001, D002, D012-D043? (treatment standards for hazardous waste in table in 268.40 for the waste code under regulated constituents) UNLESS	268A	<u>L</u>]	NI N/A
g) did generator/treater claim they are going to monitor for ALL regulated constituents in the waste in lieu of the generate	or		
indicating same in the notice? (Rule 311(1): 40 CFR 268.7(a)(1) & 268.9)	268A		_ NI N/A
 h) did generator/treater claim they are going to monitor for underlying hazardous waste constituents (except vanadium and zinc), reasonably expected to be present at the generation point, above UTS standards for D001, D002 & TCLP organics? Rule 311(1): 40 CFR 268 Subpart D & 268.48) 	268A	<u></u>	NI N/A
20. Other than notices for waste exceeding treatment standards, did notices include: (Rule 311(1): 40 CFR 268.7(2)(3)			
a) if the notice is for shipments that meet the standards does the notice include the certification?	268A	Ш.	NINA
b) if the notice is for shipments under prohibitions does the notice include a statement that the waste isn't prohibited from land disposal & date the waste is subject to prohibition?	268A	∟.	NI NA
NOTE: An alternate treatment standard may be used after approval from the Administrator. (40 CFR 268.44) NOTE: Hazardous waste debris see 40 CFR 268.7(a)(1)(iv) for the notice requirements which must be followed by the statent is subject to alternative treatment standards of 40 CFR 268.45."	nent "Th	is haza	rdous debris
21. Generator retain on-site records to support determination from knowledge or results from tests? (40 CFR 268.7(a)(6)	268A		_ NI NA
22. If the restricted waste is excluded from being a hazardous waste or solid waste did the generator place a one- time notice stating same in the facility file? (40 CFR268.7(a)(7))	268A		_ NI NA
23. All notices/certifications/demonstrations/other documents retained for 3 years on-site? (40 CFR 268.7(a)(8)	268A	[X]_	NI N/A
NOTE: This requirement (268.7(a)(8)) applies to solid waste even when the hazardous waste characteristic is removed prior when the waste is excluded from the definition of hazardous waste or solid waste.	to dispo	osal or	, «
DILUTION PROHIBITED AS SUBSTITUTE FOR TREATMENT (RULE 311(1):40 CFR 26	3.3)	r	
24. Generator dilute hazardous waste or treatment residue of a hazardous waste to avoid prohibition? (40 CFR: 268.3(a))	268A	<u> </u> L] NI WW
TREATMENT STANDARDS (RULE 311(1):40 CFR 268.40)			
25. If wastes exceeding treatment standards are mixed, was the most stringent standards selected? (40 CFR268.40(c))	268A	[X]	NI N/A
BIENNIAL REPORT (Rule 308: 40 CFR 262.41)	0000	.	
26. Generator submitted biennial report by 3/1 (even years)? (Rule 308(1): 40 CFR 262.41)	262D	└ ॔	_ NIN/A

27. Were copies of the report retained at least 3 years? (Rule 307(4): 40 CFR 262.40(b))

262D NI N/A

PRE-TRANSPORTER REQUIREMENTS (Rule 305: 40 CFR 262.30)		YES NO)
28. Waste packaged according to DOT regulations (required before shipping waste off-site)? (Rule 305(1)(a):40 CFR262.30))	262C	co.said_ol	NI N/A
29. Are waste packages marked & labeled per DOT 49 CFR172 concerning hazardous materials (required before shipping waste off- site)?(Rule 305(1)(b)(c): 40 CFR 262.32(a))	262C	co.said_ot	NI N/A
30. On containers of 119 gallons or less, is there a warning, generator's name, address, site identification number, manifest tracking number & waste code per DOT 49 CFR172.304? (Rule 305(1)(d): 40 CFR 262.32(b))	262C	co.said_ol	NI N/A
31. If required (>1000 #'s), are placards available to the transporter? (Rule 305(1)(e): 40 CFR 262.33)	262C	[X]	NI N/A
ACCUMUL ATION TIME (Pulo 206: 40 CEP 262 34)			
ACCUMULATION TIME (Rule 306: 40 CFR 262.34) 32. If hazardous waste accumulated in containers: (If no, skip to #35)			
200(4)/E) 40 CER 202 34(6)/2)\	262C	[14]	NI N/A
a) containers have accumulation date which is clearly visible? (Rule 306(1)(b): 40 CFR 262.34(a)(2)) b) container have words "Hazardous Waste"? (Rule 306(1)(c): 40 CFR 262.34(a)(3))		<u></u>	NI N/A
c) is each container clearly marked with the hazardous waste number? (Rule 306(1)(b))	-	<u> </u>	NI N/A
	262C		NI N/A
d) has more than 90 days elapsed since date marked? (Rule 306(1)			111111111111111111111111111111111111111
OR			
e) one of the following apply:			
i) the generator applied for & received an extension to accumulate longer? (Rule 306(3): 40 CFR 262.34(b))	262C	<u></u>	NI (VA)
ii) it is F006 waste recycled for metals recovery in compliance with Rule 306 (7) (180 days maximum).Rule 306(7):40 CFR 262.34(g))	262C	<u></u>	NI WA
iii) it is F006 waste recycled for metals recovery in compliance with Rule 306(7) which must be transported more than 200 miles (270 days max.)? (Rule 306(8):40 CFR 262.34(h)	262C	<u> </u>	NI WA
 iv) generator applied for & received extension or exception to accumulate F006 haz waste longer than ii or iii abov (Rule 306(9-10):40 CFR 262.34(i)) 	e? 262C	<u></u>	NI (N/A)
The following Subpart I, 265.170 to 265.177 requirements are referred to by Rule 306(1)(a) and 40	CFR 262.	.34(a)(1)	
f) are containers in good condition? (265.171)	262C		NI N/A
g) are containers compatible with waste in them (265.172)	262C	14	NI N/A
h) are containers stored closed? (265.173(a)) 5 671 on Amor Philis Amor	. 262C	LIX	NI N/A
i) containers handled/stored in a way which may rupture it or cause leaks? (265.173(b)	262C		NI N/A
 j) ignitable & reactive wastes stored 15 meters (50 feet) from property line or written approval obtained from local fire prevention code authority for less than 15 meter? (265.176) 	262C	[X]	NI N/A
k) are containers inspected weekly for leaks and defects? (265.174)	262C	<u></u>	NI N/A
I) did the generator document the inspections in 32(k)? (Rule 306(1)(a)(i))	262C	M	NI N/A
m) inspection documents maintained on-site 3 years? (Rule 306(1)(a)(i))	262C	[kf	NI N/A
n) are incompatible wastes stored in separate containers? (265.177(a))	262C	[]	NI N/A
o) hazardous wastes put in unwashed containers that previously held incompatible waste. (265.177(b))	262C	[24]	NL N/A
p) incompatible waste separated/protected from each other by physical barriers or sufficient distance? (265.177(c))	262C		NI N/A
	754	<u>. </u>	
Rule 306(2) & 40 CFR 262.34(c)(1)(I) both refer to 40 CFR 265.171, 265.172 & 265.1	/3(a).		
33. If hazardous waste is being accumulated at the point of generation:	262C	[X)	NI N/A
a) container(s) <55 gal or 1 qt acutely/severely toxic? (Rule 306(2):40 CFR 262.34(c)(1))	262C		NI N/A
b) container(s) under operator control & near the point of generation? (Rule 306(2): 40 CFR 262.34(c)(1))	262C	[19]	NI N/A
c) container(s) have words "Hazardous Waste"? (Rule 306(2): 40 CFR 262.34(c)(1)(ii))		[25]	NI N/A
d) are the container(s) marked with the hazardous waste number or chemical name? (Rule 306(2))	262C	[ki]	
e) are container(s) in good condition? (265.171)	262C	[24]	NI N/A
f) are container(s) compatible with waste in them? (265.172)		[<u>H</u>	NI N/A
g) container(s) closed when not in use & managed to prevent leaks? (265.173(a))	262C	<u> [F]</u>	NI N/A
34. If generator exceeds 55 gallons or 1 quart, w/in 3 days does generator, w/respect to that amount of excess waste:		T - > cr	
a) mark the container with the date the excess amount began accumulating? (Rule 306(2): 40 CFR 262.34(c)(2))	262C		NI N/A
b) move to an area with secondary containment, if required? (Rule 306(1): 40 CFR 264.175))	262C		NI N/A
Rule 306(1)(a) refers to containment requirements in 40 CFR 264.175.			·

35. If accumulating free liquids or any F020, F021, F022, F023, F026, F027, does the hazardous waste storage area include

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)				262C	[1]		I N/A
a) impervious base free of cracks? (264.175(b)(1)):		eith liquidae (264.1	75/5\(2\)	262C			I N/A
 b) sloped or otherwise designed to elevate/protect containers from contact with liquids? (264.175(b)(2)) c) hold 10% of volume of containers or volume of the largest container, whichever is greater? (264.175(b)(3)) 							I N/A
		riever is greater? (204.175(0)(3))	262C 262C	[<u>M</u> _		I N/A
d) run-on prevented unless sufficient capacity? (264		4.475/5\5					
e) accumulated liquids removed in a timely manner	to prevent overflow? (26	4.175(0)5))		262C	_ [عز]		I N/A
NOTE: Closure of Accumulation Area covered under # 53				•			
 If accumulating solids, (other than F020,F021,F022, otherwise designed, or containers elevated or otherw 	ise protected from conta	ct with liquids? (26	4.175(c)(1 & 2))	262C	ட்டு	N	N/A
37. Is hazardous waste accumulated in other than tanks not accumulated, i.e.: process tank?	or containers? Or, is haz Explain any ye:	-	erated but			<u>⊁</u> NI	N/A
38. Waste area protected from weather, fire, physical dar	nage & vandals? (Rule	306(1)(e))		262C	<u>رکا ـ</u>	N	N/A
 Hazardous waste accumulated so no hazardous was into soil, directly or indirectly, into surface, ground-wado not violate Act 451, Part 55? (Rule 306(1)(f)) 				262C	<u>M</u>	N	N/A
40. Is hazardous waste accumulated in tanks?	If so, complete	Tank System inspe	ection form.			X N	II N/A
41. Is hazardous waste placed on drip pads?	If so, complete	Wood Preserving in	spection form			X N	I N/A
	1)(d) & 40 CFR 262.3 PERSONNEL TRAIN		265.16				
42. Did personnel receive training? (265.16)	Veolin	Roswel	TRANS	262C	[_].	ΧN	N/A
43. Do personnel training records contain the following:			- 8				
a) job title? (265.16(d)(1))				262C	[<i>X</i>]	N	N/A
b) job descriptions? (265.16(d)(2))				262C	[25]	N	N/A
c) name of employee filling each job? (265.16(d)(1)))	-		262C	[2]	N	N/A
d) description of type & amount of both introductory	& continued training? 26	35.16(d)(3))		262C	_ [بح]	N	N/A
e) training designed so facility personnel can respon	d to emergencies? (265	.16(a)(3)		262C	<u></u> Ш.	≭ .N	N/A
f) records of training? (265.16(d)(4))				262C	K.	N	N/A
g) do new personnel receive required training within	6 months? (265.16(b)			262C	[<u>X</u>]_	N	N/A
h) do training records show personnel have taken p	art in annual training? (2	65.16(c)) 1/2	61)	262C		N	N/A
i) training by person trained in hazardous waste ma	nagement procedures?	(265.16(a))	ren + mark	262C		N	N/A
Rule 306(1)(d) & 40 C PREPARE	FR 262.34(a)(4) refer DNESS AND PREVE			:			
44. Facility maintained/operated to minimize possibility o constituent which could threaten human health/enviro	f fire, explosion, release			262C		d_obsi	vd_ N/A
45. If required, does this facility have the following:							
a) internal communications or alarm systems? (265	32(a))			262C	∠ 1_	N	N/A
b) telephone or 2-way radios at the scene of operati	ons? (265.32(b))		•	262C	KJ.	N	N/A
c) portable fire extinguishers, fire control, spill control	ol equipment and decont	amination equipme	ent? (265.32(c))	262C	IXI-	N	N/A
d) adequate volume of water and/or foam available	for fire control? (265.32(d))		262C		N	N/A
46. Testing and Maintenance of Emergency Equipment							
a) owner/operator test & maintain emergency equip	ment to assure operation	1? (265.33)		262C	LØ_	N	II N/A
b) has owner/operator provided immediate access t	o internal alarms? Acce	ss to alarm system	is applicable only if r	equired (40 CF	R 265	. 32)
i) when hazardous waste is being poured, mixed	i, etc. (265.34(a))			262C	LXI_	N	N/A
ii) if only one employee on the premises while fa	cility is operating. (265.	34(b))		262C	ـ احجا	N	N/A
c) aisle space for unobstructed movement of person	nel/emergency equipme	ent? (265.35)		262C	LYI_	N	N/A
47. Has the facility made arrangements with local author	ities? (265.37(a)&(b))	***		262C	_ [طر]	N	N/A
Rule 306(1)(d) & 40 CONTINGENCY PLA) CFR 262.34(a)(4) re .N AND EMERGENC	fer to Subpart D, Y PROCEDURES	265.50-265.56. 3 (265.50-265.56)				
48. Plan implemented whenever fire/explosion/release of				262C	LXI_	N	ll N/A
			- 4 🗬				
49. Does the contingency plan contain the following:		<i>ħ</i> ⊿	LC 20()				

b)	describe arrangements w/ local police, fire, hospitals, contractors, state & local emergency responders for emergency services; (265.52(c)) & (265.37(a)&(b))?	262C	<u>⊠_</u>	_ NI N/A
c)	65 - 1 (55 - 1) of a marging a goordinator? (265 52)(d)	262C	[X]_	NI N/A
d)	the facility is studied to entire physical description & conshilities? (265 52(e))	262C	<u> [X] </u>	NI N/A
e)	the design of the second secon	262C	[太]_	NI N/A
	poes the facility have an Emergency Coordinator? (265.55)	262C	[4]_	NI N/A
	mergency Coordinator and Emergency Procedures:			
	to 4.5 with site energing 8 emergency procedures 2 (265.55)	262C	[X]_	NI N/A
a)	the state of the second property plans (265.55)	262C	[<u>k</u>]_	NI N/A
b)	1 5 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	262C	<u></u>	NI NIA
c) d)	fire/explosion/other release of hazardous waste/haz. waste constituents, could threaten human health or environr or generator has knowledge spill reached surface or ground water, did generator notify MDEQ? (Rule 306(1)(d))	ment 262C	<u></u>	NOVER
	ontingency plan Amendments and Copies		T	201 2114
T	amended: fails in emergency; changes in regulations/emergency coordinators/emergency equipment? (265.54)	262C	<u> </u>	_ NI N/A
b)	copies of plan on site and sent to local emergency organizations? (265.53)	262C	[X]	_ NI N/A
	Rule 309 refers to 262, Subpart E except 262.54 & 262.55 INTERNATIONAL SHIPMENTS (Rule 309 & 310: 40 CFR 262.50-262.60) as the facility imported or exported hazardous waste?			À NI N/A
а	a) exporting, has the generator:	262E	T 1	NI NIA
	i) notified the Administrator in writing <12 months prior to shipment? (Rule 309(1): 40 CFR 262.53(a))	262E		NI NA
	ii) receiving country consented to accept waste. (Rule 309(1): 40 CFR 262.52(b))	262E		NI NA
	iii) has copy of EPA Acknowledgment of Consent. (Rule 309(1): 40 CFR 262.52(c))	262E		NI NA
	iv) complied with manifest requirements in Rule 309(2)(a-i).	262E	-	NI NA
	v) if required, was an exception report filled. (309(3)(a-c))			NI NA
	b) importing, has the generator met manifest requirements? (Rule 310: 40 CFR 262.60)	262F	<u> </u>	
	Rule 306(1)(g) and 40 CFR 262.34(a)(1) refers to 40 CFR 265.111 & 265.114 ACCUMULATION AREA CLOSURE (265.111 & 265.114)			
53. T	he accumulation area must be closed in a manner that:		T	w 63
а		262C	<u> </u>	_ NI (V/A)
b	controls/minimizes/eliminates, to protect human health & environment, the escape of haz. waste or hazardous waste constituents, leachate, run-off to ground/surface waters and air. (Rule 306(1)(g): 40 CFR 265.111(b))	262C	<u> </u>	NI NVA
С	e) all contaminated equipment, structures, and soil properly disposed of. (Rule 306(1)(g): 40 CFR 265.114)	262C		NI NVA
CON	IMENTS:			
		Paris -		
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Department of Environmental Quality UNIVERSAL WASTE SMALL QUANTITY HANDLER (SQH) INSPECTION

Fa	acility Name Ford Motor Company Dearborn Stamping Plant		Part 2 I	Rules					
Da	ate 2/11/2014 I.D. # MID 005 379 797		_1994 PA	451					
wa bo ne	SQH may choose to manage the following as universal waste when they accumulate quantities of 5000 kg (11,000 lbs) or more of all these wastes on site: antifreeze; batteries [except lead acid batteries managed per R 299.9804]; consumer electronics (devices containing circuit boards, liquid crystal display, or plasma display); electric lamps [fluorescent, high intensity discharge (HID), sodium vapor, mercury vapor, neon, metal halide, incandescent lamps, and cathode ray tubes (CRTs) from computers, televisions, etc.]; mercury items: thermostats, mercury switches, mercury thermometers, waste devices containing only elemental mercury; various pesticides; pharmaceuticals. Yes/No responses that are outside of the parenthesis are violations.								
	(NI - Not Insp PROHIBITIONS (Rule 228(4): 40 CFR 273.11)	pected N/	'A - Not App YES NO	olicable)					
1	Does SQH dispose of universal waste? (Rule 228(4): 40 CFR 273.11(a))	273.B		NI N/A					
	Does SQH dilute or treat universal waste, except responding to releases or managing certain waste when included below? (Rule 228(4): 40 CFR 273.11(b))	273.B		NI N/A					
	WASTE MANAGEMENT (Rule 228(4): 40 CFR 273.13, 273.14)								
	ANTIFREEZE: (Rule 228(4)	QTY HAI	NDLED: _						
3.	Is antifreeze managed in manner to prevent release by containing it in structurally sound packaging that is compatible w/ contents, & kept closed? Are transport vehicles & vessels managed in the same way? (Rule 228(4)(h))	73.B	[4]	NI N/A					
4.	Do containers show evidence of leakage, spillage, or damage? If so, are these containers over packed in a container that meets requirements? (Rule 228(4)(h)(ii)(B))	273.B	<u>×</u>	NI N/A					
5.	If tanks are used to store antifreeze, do they meet requirements in 40 CFR 265 Subpart J except 265.197(c), 265.200, & 265.201? (Rule 228(4) (h) (ii) (C). [USE TANK CHECKLIST]	273.B	<u></u>	NI MA					
6.	Are containers labeled "UNIVERSAL WASTE ANTIFREEZE" or "WASTE ANTIFREEZE" or "USED ANTIFREEZE"? (Rule 228(4)(h)(iv))	273.B	(<u>K</u>)	NI N/A					
7.	If a release occurred, was it immediately cleaned up & properly characterized for disposal? (Rule 228(4)(e)(ii))	273.B	<u></u>	N/N/A)					
	BATTERIES: (Rule 228(4) adopts 40 CFR 273 except 273.10 &273.18(h) requirements)	QTY HAI	NDLED:						
8.	Are batteries managed in way to prevent releases? (Rule 228(4)(a): 40 CFR 273.13(a)	273.B	[为	NI N/A					
	Are batteries that show evidence of leakage, spillage, or damage that could cause leaks put in containers that are kept closed, structurally sound, compatible w/ contents of battery, & lack evidence of leakage, spillage or damage that could cause leakage? (Rule 228(4): 40 CFR 273.13(a)(1))	273.B	(A)	NI N/A					
10	Does the handler do any of the following activities w/ batteries as long as the casings of each battery is not breached intact & closed (except to remove electrolyte): sort by type, mix types in container, discharge to remove electric charge regenerate, disassemble into individual batteries or cells, remove from consumer products, or remove electrolyte? (Rule 228(4)(a): 40 CFR 273.13(a)(2))	& remain e, 273.B	<u></u>	NI N/A					
11	. If electrolyte is removed or other wastes generated from activities in item 10, has it been determined whether it is hazardous waste? (Rule 228(4)(a): 40 CFR 273.13(a)(3))	273.B	<u></u>	NI (WA)					
	a. If electrolyte or other waste is hazardous waste, is it managed in compliance with Parts 260-272 and Part 111? (Rule 228(4)(a): 40 CFR 273.13(a)(3))	273.B	<u> </u>	NI 🚳					
	b. If electrolyte or other waste is not hazardous waste, is it managed in compliance with Parts 31, 115 or 121 of 451 & local requirements? (Rule 228(4)(a): 40 CFR 273.13(a)(3))	273.B	[_]	NI WAZ					
12	. Are batteries or container(s) of batteries labeled w/ either: "UNIVERSAL WASTE-BATTERIES" or "USED BATTERIES". (Rule 228(4)(a): 40 CFR 273.14(a))	273.B	心	NI N/A					
	CONSUMER ELECTRONICS: (Rule 228(4)	INAH YTÇ	ni ED:						
13	Are electronics managed in a manner that prevents breakage or the release of any universal waste or components of								
	universal waste by containing electronics in packaging that will prevent breakage during normal handling conditions? (Rule 228(4)(f)(i))	273.B	<u>[¥]</u>	NI N/A					
14	 Is packaging in which the electronics are contained labeled either "UNIVERSAL WASTE CONSUMER ELECTRONIC or "UNIVERSAL WASTE ELECTRONICS"? (Rule 228(4)(f)(ii)) 	S" 3.B	[N]	NI N/A					
15	 Have releases been properly contained, & have residues been characterized, & properly disposed? (Rule 228(4)(f)(iii) 	273.B	<u></u>	AHAJN					
16	5. Does handler do anything beyond any of the following: repair electronics for direct reuse(Rule 228(4)(g)(i); remove of	ner 273 B	 	NII NI/A					

17.	shall not be crushed or broken under MI rule) (Rule 228(4)(c)(i)) Note: different from EPA regulation	273.B	L*	NI N/A
18.	Are lamps managed in a manner to prevent breakage or the release of any universal waste or components of universal waste by containing unbroken lamps in structurally sound packaging that is compatible with contents of lamps and will prevent breakage, and packaging kept closed? (Rule 228(4(c)(ii))	7 /4//) 273.B	[X]	NI N/A
19.	Are lamps or packaging containing lamps labeled either "UNIVERSAL WASTE ELECTRIC LAMP(S)" or "WASTE ELECTRIC LAMP(S)" or "USED ELECTRIC LAMP(s)". (Rule 228(4)(c)(iv)) Note: different from EPA regulation	273.B		NI N/A
20.	Are lamp fragments or residues, & all lamps that show evidence of breakage, leakage, or damage that could caus release of mercury or other hazardous constituents to the environment immediately contained in packaging that is structurally sound & compatible w/ content, & kept closed? (Rule 228(4)(c)(iii)) Note: different from EPA regulation	е	<u></u>	NI N/A
21.	If lamp fragments or residues are generated, has it been determined whether it is hazardous waste? (Rule 228(4)(Note: different from EPA regulation which allows broken lamps to continue to be managed as universal was	c)(iii (B))	<u> </u>	NI N/A
	a. If waste is characteristic is it managed in compliance w/ Part 111, Act 451: 40 CFR Part 260-272?	273.B	<u>[X]</u>	NI N/A
	b. If waste is not characteristic is it managed in compliance w/ Part 115 of Act 451?	273.B	<u>[</u> ≱	NI N/A
	MERCURY DEVICES: (Rule 228(4); 40 CFR 273.13 & 273.14	QTY HAND	LED:	
22.	Are devices managed to prevent releases? (Rule 228 (4)(d): 40 CFR 273.13(c))	273.B	ت	NI N/A
1	Are mercury devices that show evidence of leakage, spillage, or damage that could cause leaks placed in a contain that is closed, structurally sound, compatible w/ contents of device, & lack evidence of leakage, spillage or damage that could cause leakage, & designed to prevent the escape of mercury by volatilization or other means? (Rule 228 (4)(d): 40 CFR 273.13(c)(1)) Are mercury devices or containers of mercury devices labeled either "UNIVERSAL WASTE THERMOSTAT(S)" or	= -V 273.B		NI N/A
	"WASTE MERCURY THERMOSTAT(S)" or "USED MERCURY THERMOSTAT(S)".(Rule 228 (4)(d): 40 CFR 273.1		[_]	NI N/A
25.	Does handler removing ampules meet the following conditions?			
	a. Does facility try to prevent breakage and is doing removal only over a containment device? (Rule 228 (4)(d): 40 CFR 273.13(c)(2)(i & ii))	273.B	<u>.</u>	NINA
	b. Does facility have a clean-up system available to transfer spilled material to another container & use it immediat w/ broken or leaking ampules? (Rule 228 (4)(d): 40 CFR 273.13(c)(2)(iii & iv))	ely 273.B	ப	NINA
		273.B	<u></u>	NI N/A
		273.B	<u></u>	NI NA
	e. Are removed ampules stored in closed, non-leaking container that is in good condition? (Rule 228 (4)(d): 40 CFR 273.13(c)(2)(vi))	273.B	ப	NINA
	f. Are removed ampules packed in container with packing material to prevent breakage? (Rule 228 (4)(d): 40 CFR 273.13(c)(2)(vii))	273.B	<u> </u>	NINA
26.	When devices do not contain ampules & handler removes original housings that hold mercury, does handler immediately seal original housing to prevent mercury release & follow all ampule management requirements? (Rule 228 (4)(d): 40 CFR 273.13(c)(3))	273.B	<u></u>	NINA
27.	If waste is generated from removal of ampules or housings, or if clean-up residues are generated, is it determined if it is hazardous waste? (Rule 228 (4)(d): 40 CFR 273.13(c)(3)(i))(A&B), 273.13(c)(4)(i)	273.B	<u>LJ_</u>	NINA
	a. If waste is characteristic, is it managed in compliance w/ part 260-272 and Part 111? (Rule 228 (4)(d): 40 CFR 273.13(c)(4)(ii))	273.B	<u></u>	NI NA
	b. If waste is not hazardous waste, is it managed in compliance w/ Parts 115 & 121 of Act 451, as applicable? Rule 228 (4)(d): 40 CFR 273.13(c)(4)(iii))	273.B	<u> </u>	NI N/
		ATT. 11.5.		•
28	PESTICIDES: Rule 228(4) adopts 40 CFR 273 except 273.10 & 273.18(h) Handler prevents releases by containing pesticides in containers that are closed, structurally sound & compatible v	QTY HAND	LED: _	
20.	pesticide, & does not show evidence of leakage, spillage or damage? (Rule 228(4)(a): 40 CFR 273.13(b)(1))	273.B	<u></u>	°NI N⁄
	If original container is in poor condition, is it over-packed in acceptable container? (Rule 228(4)(a): 40 CFR 273.13(b)(2))	273.B	<u></u>	NI NA
	If stored in tank, are requirements of 40 CFR Part 265, Subpart J met except 265.197(c), 265.200, & 265.201? [USE TANK CHECKLIST] (Rule 228(4)(a): 40 CFR 273.13(b)(3))	273.B	<u> [_]</u>	NI N/A
	If stored in transport vehicle or vessel, is it closed, structurally sound & compatible w/ pesticides & shows no evidence of leakage, spillage or damage?? (Rule 228(4)(a): 40 CFR 273.13(b)(4))	273.B	[_]	NI N/A
32.	Are pesticides in a container, tank or transport vehicle labeled either "UNIVERSAL WASTE-PESTICIDE(s)" or "WAPESTICIDE(s)" (Rule 228(4)(a): 40 CFR 273.14(b) [See 273.14(c) if 273.14(b) not possible]	ASTE- 273.B	<u></u> _	NI WA
	PHARMACEUTICALS: (Rule 228(4)	QTY HAND	I FD:	
33.	Are pharmaceuticals managed in a manner to prevent release of any universal waste or components of universal by containing pharmaceuticals in structurally sound packaging that is compatible w/ contents & will prevent breaka kept closed? Are containers that do not meet these conditions over packed in a container that does? (Rule 228(4))	waste ige, &	رلام.	NI N/A
34.	Does handler disassemble packaging & sort pharmaceuticals? (Rule 228(4)(e)(iii))		كدل	7 NI N/A

ELECTRIC LAMPS: (Rule 228(4);273.13(c);273.14(d)

QTY HANDLED:

a. Container marked or labeled w/ earliest date when universal waste became a waste? (Rule 228(4)(a): 40 CFR 273.15(c)(1)) 273.B □ NI N/A 38. If accumulated one year or less? (Rule 228(4)(a): 40 CFR 273.15(a)) (if no go to question 38) 273.B □ NI N/A 38. If accumulated over one year, is accumulation necessary to facilitate proper recovery, treatment or disposal? (burden on handler to demonstrate) (Rule 228(4)(a): 40 CFR 273.15(b)) 39. Is length of time universal wastes stored documented by one of the following: a. container marked or labeled w/ earliest date when universal waste became a waste? (Rule 228(4)(a): 40 CFR 273.15(c)(1)) b. individual items of universal waste marked or labeled w/ earliest date it became a waste?? (Rule 228(4)(a): 40 CFR 273.15(c)(2)) c. inventory system maintained on-site that identifies date each item became a universal waste? (Rule 228(4)(a): 40 CFR 273.15(c)(3)) d. inventory system maintained on-site that identifies earliest date items in a group or group of containers became a universal waste? (Rule 228(4)(a): 40 CFR 273.15(c)(3)) e. universal waste placed in a specific accumulation area & the earliest date is identified when waste was first put in area or date received? (Rule 228(4)(a): 40 CFR (273.15(c)(5)) 73.B □ NI N/A EMPLOYEE TRAINING (Rule 228(4): 40 CFR 273.16) 40. Are employees familiar w/ universal waste handling/emergency procedures, relative to their responsibilities?
37. Is universal waste accumulated one year or less? (Rule 228(4)(a): 40 CFR 273.15(a)) (if no go to question 38) 38. If accumulated over one year, is accumulation necessary to facilitate proper recovery, treatment or disposal? (burden on handler to demonstrate) (Rule 228(4)(a): 40 CFR 273.15(b)) 39. Is length of time universal wastes stored documented by one of the following: a. container marked or labeled w/ earliest date when universal waste became a waste? (Rule 228(4)(a): 40 CFR 273.15(c)(1)) b. individual items of universal waste marked or labeled w/ earliest date it became a waste?? (Rule 228(4)(a): 40 CFR 273.15(c)(2)) c. inventory system maintained on-site that identifies date each item became a universal waste? (Rule 228(4)(a): 40 CFR 273.15(c)(3)) d. inventory system maintained on-site that identifies earliest date items in a group or group of containers became a universal waste? (Rule 228(4)(a): 40 CFR (273.15(c)(4)) e. universal waste placed in a specific accumulation area & the earliest date is identified when waste was first put in area or date received? (Rule 228(4)(a): 40 CFR (273.15(c)(5)) f. any other method when demonstrates length of time universal waste accumulated & date it became a waste or received? (Rule 228(4)(a): 40 CFR (273.15(c)(6)) EMPLOYEE TRAINING (Rule 228(4): 40 CFR 273.16) 40. Are employees familiar w/ universal waste handling/emergency procedures, relative to their responsibilities?
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(Rule 228(4): 40 CFR 273.16)) 273.B
(Nulle 220(4), 40 Of (1213, 10))
RESPONSE TO RELEASE (Rule 228(4): 40 CFR 273.17)
41. Are releases of universal waste & other residue immediately contained? (Rule 228(4): 40 CFR 273.17(a)) 273.B NI N/A
42. Is material from release characterized? (Rule 228(4): 40 CFR 273.17(b))
43. If released material is hazardous waste is it managed as required under Parts 260 – 271 and Part 111? (Rule 228(4): 40 CFR 273.17(b)) 273.B Ni N/A
OFF-SITE SHIPMENTS (Rule 228(4): 40 CFR 273.18
44. Is waste sent to another handler, destination facility or foreign destination? (Rule 228(4)(a): 273.18(a))
45. If the SQH self-transports waste, does it comply with the universal waste transporter requirements? (Rule 228(4)(b) 273.B L NI
46. If waste is a USDOT hazardous material, are USDOT requirements met w/regard to package/labels/ marking/placards/shipping papers? (Rule 228(4)(a): 273.18(c)) 273.B NI N/A
47. Prior to shipping universal waste off-site did receiver agree to receive shipment? (Rule 228(4)(a): 40CFR 273.18(d)) 273.B NI N/A
48. If universal waste shipped off-site is rejected by other handler or destination facility, did originating handler either:
a. receive the waste back? (Rule 228(4)(a): 40 CFR 273.18(e)(1)) 273.B NI N/A
b. agree to where shipment will be sent? (Rule 228(4)(a): 40 CFR 273.18(e)(2) 273.B [上 NI N/A
49. If handler rejects part or full load from another handler, did receiving handler contact originating handler & discuss either:
a. sending the waste back to originating handler? : (Rule 228(4)(a): 40 CFR 273.18(f)(1)) OR 273.B NI N/A
b. agreeing to where shipment will be sent? (Rule 228(4)(a): 40 CFR 273.18(f)(2))
50. If handler received shipment of hazardous waste that is not universal waste, was the WHMD District Supervisor or designee immediately notified? (Rule 228(4)(a)):40 CFR 273.18(g)) 273.B Ly NI N/A
51. If handler received a shipment of non-hazardous, non-universal waste, was the waste managed in accordance w/ applicable waste regulations (e.g. solid, liquid industrial, or medical waste)? (Rule 228(4)(a): 40 CFR 273.18(h)) 273.B NI N/A
EXPORTS (Rule 228(4): 40 CFR 273.20)
52. If waste is sent to a foreign destination does handler:
a. comply with primary exporter requirements in 40 CFR 262.53, 262.56(a)(1-4 &6) and(b) and 262.57? (Rule 228(4): 40 CFR 273.20(a)) 273.B L] NI NIA
b. export with consent of receiving country and in compliance with Acknowledgment of Consent, Subpart E, 40 CFR 262? (Rule 228(4): 40 CFR 273.20(b)) 273.B L] NI NA
c. provide copy of EPA Acknowledgement of Consent to transporter? (Rule 228(4): 40 CFR 273.20(c))

TRANSPORTER (Rule 228(6): 40 CFR 273 subpart D except 273.50, 53) 273.D [🔏 NI N/A 53. Does transporter dispose of universal waste? (Rule 228(6): 40 CFR 273.51(a)) [KININ/A 54. Does transporter dilute or treat universal waste, except if responding to releases? (Rule 228(6): 40 CFR 273.51(b)) 273.D 55. If transporting responds to release, do they immediately contain it and characterize residue? If hazardous waste, does transporter meet requirements in 40 CFR 262? (Rule 228(6): 40 CFR 273.54)) 273.D NI N/A 56. If universal waste stored at transfer facility over 10 days, does transporter meet applicable handler requirements? 273.D NI N/A (Rule 228(6): 40 CFR 273.54)) 57. Does transporter comply w/ USDOT requirements for package/labels/marking/placards/shipping papers if universal waste is also hazardous material? Shipping papers cannot describe universal waste as "hazardous waste, (I) or (s), n.o.s." 273.D NI N/A nor have waste added to USDOT proper shipping name. (Rule 228(6)(a): 40 CFR 273.52 and 273.55(b)) 58. Does transporter meet export conditions contained in 273.56 (dependent on which country will receive shipment)? NI N/A 273.D (Rule 228(6): 40 CFR 273.56) a. has a copy of EPA Acknowledgement of Consent with shipment? (Rule 228(6): 40 CFR 273.56(a) 273.D [**%**] NI N/A 273.D b. delivers shipment to facility designated by person initiating the shipment? (Rule 228(6): 40 CFR 273.56(b)) NI N/A COMMENTS:



Department of Environmental Quality, Waste and Hazardous Materials Division

USED OIL INSPECTION FORM - GENERATORS

Facility's Name	Ford Motor Co	mpany Dearborn	Stamping Plant	_Part 8 Rules
Date <u>2/11/20</u>	14	ID#MID_0	05 379 797	 _1994 PA 451

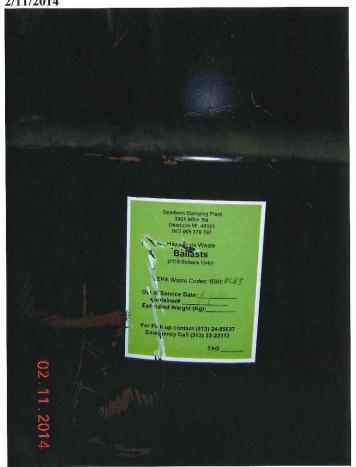
Note: Used oil is defined as "any oil which has been refined from crude oil, or any synthetic oil which has been used and as a result of use, is contaminated with physical or chemical impurities." R 299.9109

APPLICABILITY (Rule 809)

NI – Not Inspected, N/A – Not Applicable	YE	S NO
Does the facility generate used oil and any of the following materials which are subject to regulation as used oil:		
a) mixture of used oil and hazardous waste generated by a CESQG regulated pursuant to Rule 205? (Rule 809(1)(a))	UOA _	
b) material that contains or is otherwise contaminated w/ used oil & is burned for energy recovery? (Rule 809(1)(b))	UOA _	20
c) used oil that is drained/removed from materials that contain or contaminated w/ used oil? (Rule 809(1)(c))	UOA	M
d) mixture of used oil and fuel? (Rule809(1)(d))	UOA	×
e) material which is produced from used oil & is burned for energy recovery? (Rule 80991)(e))	UOA _	
f) used oil that is burned for energy recovery & any fuel produced from used oil by processing, blending or other treatment following: (Rule 809(1(f))	& exceeds th	ie
i) maximum arsenic concentration of 5ppm	UOA _	1
ii) maximum cadmium concentration of 2ppm	UOA	<u></u>
iii) maximum chromium concentration of 10ppm	UOA	
iv) maximum lead concentration of 100ppm	UOA _	
v) minimum flash point of 100 degrees Fahrenheit	UOA _	
vi) maximum total halogen concentration of 4,000ppm	UOA _	
g) recycled and a hazardous waste solely because it exhibits a hazardous characteristic? (Rule 809(1)(g))	UOA	
h) used oil contains PCB's at any concentration of 50ppm or less? (May also be subject to 40 CFR Part 761) (Rule 809(2)((i)) UOA _	
. Does the facility generate any of the following which exempts it from regulation as used oil: (may be subject to regulation as	s a hazardou	s waste)
a) mixture of used oil and hazardous waste except as specified in Rule 809(1)(a)? (See question 1.a.) (Rule 809(2)(a))	UOA _	
 b) used oil including metalworking oils/fluids containing chlorinated paraffin w/ > 1000 ppm total halogens which hasn't bee successfully rebutted by demonstrating that it does not contain significant concentrations of halogenated hazardous constituents in 40 CFR Part 261, Appendix VIII? (Rule 809(2)(b)) 	en UOA	
c) metalworking oils/fluids w/ chlorinated paraffin reclaimed through a tolling agreement? (Rule 809(2)(b)(i))	UOA	
d) used oil w/ chlorofluorocarbons from refrigeration units going for reclaim? (Rule809(2)(b)(ii))	UOA _	
e) material that contains or is otherwise contaminated w/ used oil from which the oil has been removed?(Rule 809 (2)(c))	UOA _	
f) mixture of used oil/diesel fuel that is mixed on used oil generator's site & used in their own vehicles? (Rule 809(2)(d))	UOA	
g) used oil & material derived from used oil that are disposed of or used in a manner constituting disposal? (Rule 809(2)(e))) UOA	
h) used oil re-refining distillation bottoms used as feed stock to manufacture asphalt products? (Rule 809(2)(f))	UOA	
i) wastewater, the discharge of which is subject to §402 or §307(b) of the CWA & is contained w/ de minimis quantities of oil? (Rule 809((2)(g))	used UOA	
j) mixture of used oil/crude or natural gas liquid for insertion into a crude oil pipeline? (Rule 809(2)(h))	UOA _	
 k) mixture of oil/crude or nature gas liquid w/ less than 1% used oil if being stored/transported to crude oil pipeline or petrol refinery for insertion into process before crude distillation or catalytic cracking? (Rule 809(2)(i)) 	eum UOA	
 used oil for insertion into petroleum refining process before crude distillation or catalytic cracking w/out prior mixing if use constitutes less than 1% of crude oil feed? (Rule 809 (2)(j)) 	ed oil UOA	
m) used oil, unintentionally introduced, is captured by a hydrocarbon recovery system or wastewater treatment system at a petroleum refinery & inserted into the refining process? (Rule 809(2)(I))	UOA	
n) tank bottoms from stock tanks w/mixture of used/crude oil or nature gas liquids? (Rule 809(2)(m)	UOA	
o) used oil produced on vessels from normal shipboard operations while on-ship? (Rule 809(2)(n))	UOA	
p) specification used oil fuel once the facility demonstrates compliance w/ R 299.9815(3)(b),(c)&(f)? (Rule809(2)(o))	UOA _	
q) used oil containing polychlorinated biphenyls at 50 ppm or greater? (Rule 809(2)(p))	UOA	

GENERATOR REQUIREMENTS (Rule 810)

vehicles or machinery used on the farm, or (2) household do-it-yourselfer			
3. Is the used oil stored in units other than containers or tanks? (Rule 810(4)	UOA		🔀 NI N/A
a) in good condition? (40 CFR 279.22(b)(1))	UOA	ĽÝ.	NI N/A
b) not leaking (no visible leaks)? (40 CFR 279.22(b)(2))	UOA	נאַן.	NI N/
Are all containers & above ground tanks storing used oil labeled/marked "Used Oil"? (40 CFR 279.22(c)(1))	UOA		//N IN
Are fill pipes used to transfer used oil into underground tanks labeled/marked "Used Oil"? (40 CFR 279.22(c)(2))	UOA		NI W
Upon detection of a release does the facility:			
a) stop the release? (40 CFR 279.22(d)(1))	UOA	[22]	NI N/
b) contain the released used oil? (40 CFR 279.22(d)(2))	UOA	[24]	NI N/.
c) clean-up and manage the released used oil & other material? (40 CFR 279.22(d)(3))	UOA	[2]	NE N/.
d) if necessary to prevent future release, repair/replace any leaking oil containers or tanks? (40 CFR 279.22(d)(4))	UOA	1	Ni N/
GENERATOR REQUIREMENTS FOR ON-SITE BURNING IN SPACE HEATER (Rule 810 refers to 40 CFR 279.23)			
. Does facility that burns used oil in oil-fired space heater(s):			
a) burn only used oil generated by the owner/operator or from household do-it-yourselfers? (40 CFR 279.23(a))	UOA	LJ.	X NIN
b) burn in heaters designed to have a maximum capacity of not more than 0.5 million BTU per hour?(40 CFR 279.23(b))	UOA		NI N
c) have combustion gases vented to the ambient air? (40 CFR 279.23(c))	UOA	ш	NI N
GENERATOR REQUIREMENTS FOR OFF-SITE SHIPMENTS OF USED OIL (Rule 810 refers to 40 CFR 279.24)		I	
D 41 C 201 C			
. Does the facility use a transporter with an EPA identification number? (Rule 810 refers to 40 CFR 279.24)	~ UOA		NI N/
Does the facility use a transporter with an EPA identification number? (Rule 810 refers to 40 CFR 279.24) Rumuka, CR OR	MOA	[<u>≻</u>]	NIN/ 5667
	₩ Z	[<u>≻</u>]) 78	NI N/
	~UOA ₩Z	(<u>~</u>)	NIN/
If the facility does not use a transporter w/ an EPA identification number, does it meet one of the following exemptions?	WOA WE	> 78°	
If the facility does not use a transporter w/ an EPA identification number, does it meet one of the following exemptions? a) self transportation of small amounts to approved collection centers provided that the generator transports:		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	NI N/ S-GC J NI N/ NI N/
If the facility does not use a transporter w/ an EPA identification number, does it meet one of the following exemptions? a) self transportation of small amounts to approved collection centers provided that the generator transports: i) the used oil in a vehicle owned by the generator or an employee of the generator? (40 CFR 279.24(a)(1))	UOA	> 78	NI N
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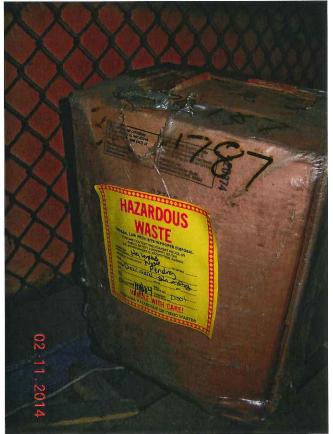


Photograph #2 - Lamp and Ballast Crib, Containers of Used Lamps and PCB Ballasts

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Photograph #3 – Hazardous Waste Less Than 90 Day Accumulation Area B-1-21, 5-Gallon Hazardous Waste Container Labeled "D001" and "1/16/2014" and "Pending Analysis"

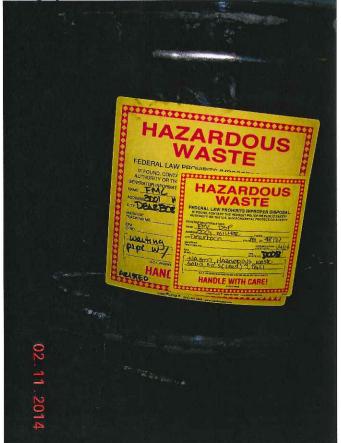


Photograph #4 – Area B-1-21, Hazardous Waste Pending Container

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Photograph #5 - Area B-1-21, 55-Gallon Container of Lead Paint Chips (D008), 1/4/2014



Photograph #6 - Area B-1-21, 55-Gallon Container of Lead Paint Chips (D008), 1/4/2014

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Photograph #7 – API Process Area, Storage Tanks Prior To Processing



Photograph #8 – Outside of Hi-Lo Maintenance Shop, Roll-Off Box of Hazardous Waste Lead Paint Chips, Accumulation Date 1/13/2014



Photograph #8 – Painters Crib, 55-Gallon Less Than 90 Day Accumulation Container of Paint and Solvent Waste, D001/D035/F003/F005, Accumulation Date 11/19/2013

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